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US Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) SEATTLE FSDO

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make REPUBLIC	Model RC-3 SEABEE
	Serial No. 129	Nationality and Registration Mark N87567
2. Owner	Name (As shown on registration certificate) OSTRONIK KC	Address (As shown on registration certificate) 101425 OVERSEAS HWY #822 KEY LARGO FL 33037

The technical data identified herein has been found to comply with applicable airworthiness requirements and is hereby approved for use only on the above described aircraft, subject to conformity inspection by a person in FAR 43.7

JUL 12 2005
DATE

FAA Inspector NM-FSDO-01

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address DON WALLACE 122 EAST STADIUM LANE GRAPEVIEW WA 98546	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 552-76-1362
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date JUNE 16, 2005	Signature of Authorized Individual
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		

Date of Approval or Rejection 8/25/2014	Certificate or Designation No. 373656271A	Signature of Authorized Individual
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed Cleveland Wheel and Brake assemblies PN 40-418 & PN 30-241 in accordance with drawing DWAC-17F-32-40-000 and DWAC Installation Instructions Report IIR-17F-32-40-000 (see attached copies). Installed Type III, 6.00-6, 6 ply rating tires, maximum static load rating:1750 lbs, maximum rated speed:120 MPH manufactured IAW FAA-TSO c62b.

This installation meets the ground handling requirements set forth in 14CFR Section 23.231 (Smooth Operation of Brakes); and Section 23.233 (Adequate Directional Control).

This installation meets the Structure requirements set forth in 14CFR Section 23.307 (Proof of Structure)

This installation meets the Design and Construction requirements set forth in 14CFR Section 23.731(a) & (b) (Wheels), 23.733(a)(1) & (c) (Tires) and 23.735(a)(2), (b) & (c) (Brakes).

This installation is an appropriate design for its intended function and functions properly as installed, therefore meeting the requirements of 14CFR Section 23.1301 (Function and Installation) (a), (Appropriate Design), (b) (Identification), (c) (Meets Limitations) and (d) (Proper Function).

Installation of this equipment is in accordance with AC 43-13-2A, Chapter 1 (Structural Data) Par. 4 (Materials), 5 (Fabrication), 6 (Fasteners), 7 (Protection Against Deterioration), 8 (Provisions for Inspection), 9 (Weight and Balance), 10 (Effects on Safe Operation) and 12 (Placarding).

I have determined that this data is appropriate to the product being altered, is directly applicable to the alteration and is not contrary to the manufacturers data.

Weighed aircraft and prepared Weight and Balance Report and Equipment List (see weight and balance report dated 12-20-04)

Instructions for Continued Airworthiness:

- Service brake fluid system with Mil-H-5606
- Maintain wheel and brake system components in accordance with Cleveland Wheel and Brake Maintenance Manual AWBCM0001-5
- Maintain tire pressure IAW tire manufacturer's specifications

END

The technical data identified herein has been found to comply with applicable airworthiness requirements and is hereby approved for use only on the above described aircraft, subject to conformity inspection by a person in FAR 43.7

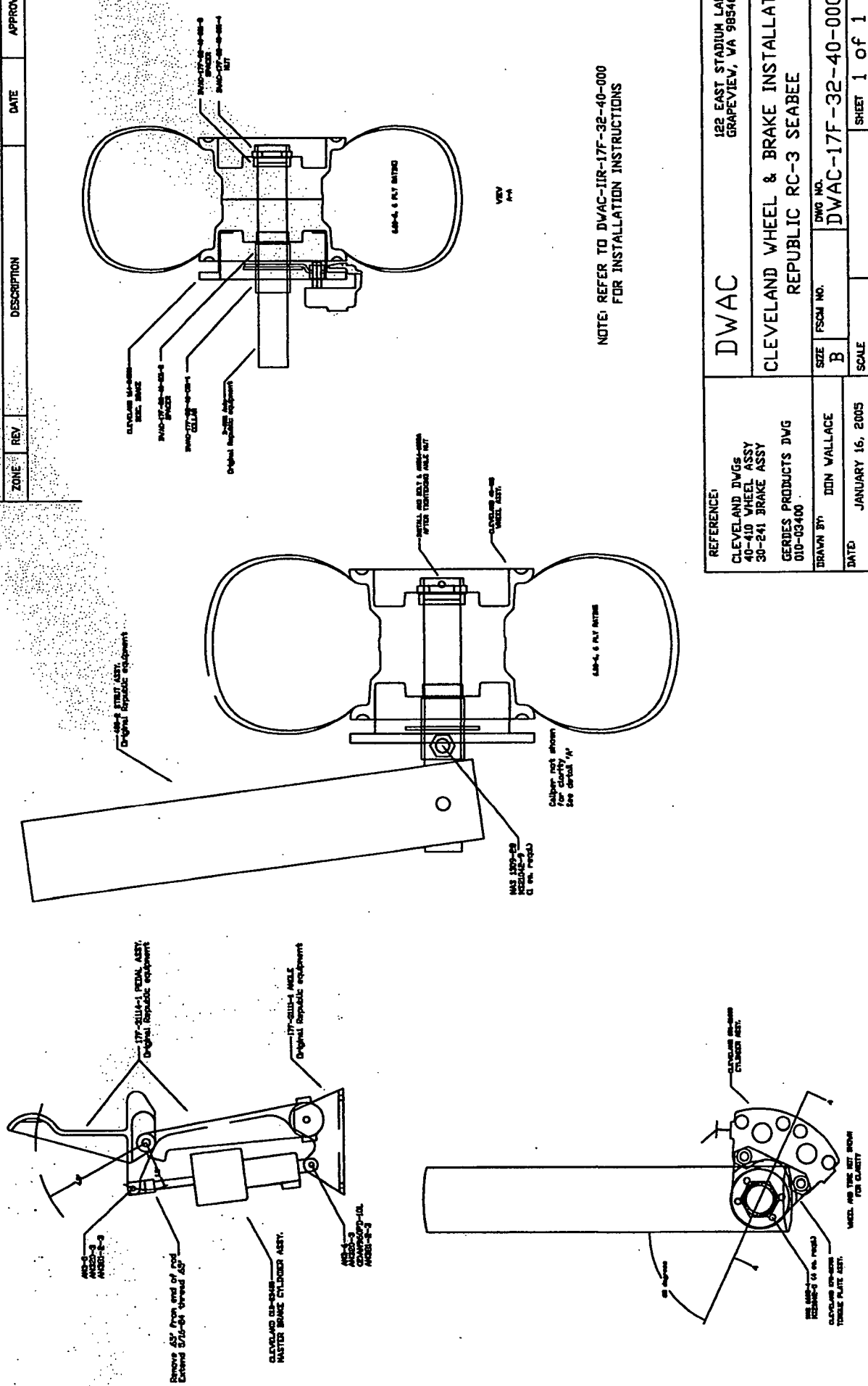
JUL 12 2005
DATE *[Signature]*
FAA Inspector NM-FSDO-01

Additional Sheets Are Attached

**DWAC Installation Instruction Report IIR-17F-32-40-000
Cleveland Wheel and Brakes System for Republic RC-3 Seabee**

1. Remove and discard original main wheels, tires and brakes including Brake Flange Weldment Electrol PN A4002, and Axle Nut Republic PN 17F-41017 and Spacer Republic PN 17F-41016-1 .
2. Remove and discard original brake master cylinders Electrol PN 459-R
3. Remove and discard Brake Adjuster Valves B.F. Goodrich PN B-107-19
4. Install Brake Flange Weldment PN DWAC-17F-32-40-001-1 IAW Drawing DWAC-17F-32-40-001
5. Fit Cleveland Wheel PN 40-418 with Type III 6.00-6 , 6 ply-rating tire and tube.
6. Install Cleveland Wheel and Brake PN 40-418 / 30-241 IAW Drawing DWAC-17F-32-40-000 including spacers PN DWAC-17F-32-40-001-2, &-3. Install axle nut PN DWAC-17F-32-40-001-4. Install AN3 and AN364-1032A safety bolt through axel nut and axel after tightening axel nut.
7. Modify and install Gerdes Master Cylinders PN 010-03400 IAW Drawing DWAC-17F-38000
8. Assemble and install Stratoflex hose assemblies with Stratoflex PNs 156-4 hose and 676-4S fittings. Route hoses from Gerdes Master Cylinders to Electrol Park Brake Valve PN 450 in a manor similar to original installation.
9. Assemble and install Stratoflex hose assemblies with Stratoflex PNs 156-4 hose and 676-4S fittings. Route and secure hoses from Cleveland Brake Caliper to fuselage through hull fitting in a manor similar to original installation.
10. Service system with MIL-H-5606 hydraulic fluid from Cleveland Brake Caliper drain valve until Gerdes Master Cylinders are full by monitoring level at master cylinder fill plug. Ensure that no air has been introduced to the system during the filling procedure.
11. Perform operational check of brake system.

REVISIONS		DESCRIPTION	DATE	APPROVED
ZONE	REV			



NOTE: REFER TO DWAC-IIR-17F-32-40-000 FOR INSTALLATION INSTRUCTIONS

REFERENCE:	DWAC		122 EAST STADIUM LANE GRAPEVIEW, VA 98546	
	CLEVELAND DWGS 40-410 WHEEL ASSY 30-241 BRAKE ASSY			
DRAWN BY:	DWAC		CLEVELAND WHEEL & BRAKE INSTALLATION REPUBLIC RC-3 SEABEE	
	DATE:	JANUARY 16, 2005	SCALE:	SHEET 1 of 1
DWAC-17F-32-40-000 IR		REV	DWAC-17F-32-40-000 IR	
SIZE:	B	FSCM NO.:		